Listing of claims

This listing of claims replaces all prior versions and listings of claims.

1-3 (Cancelled)

4. (Currently amended) A process for manufacturing ~~the~~ yarn ~~according to claim 1~~, which comprises a preliminary step of producing ~~step of the~~ natural bamboo fiber and a spinning step of spinning the natural bamboo fiber, ~~wherein~~ and further ~~comprise~~ comprising a step of improving ~~the~~ spinnability of the natural bamboo fiber, ~~and~~ said improving step ~~comprises~~ comprising:

a. obtaining natural bamboo fiber;

b. selecting natural bamboo fiber; in which the requirements for selecting natural bamboo fiber are that the fiber should be straight and order, to obtain a selected natural bamboo fiber;

~~wherein the weight of fiber bundle changes in various species;~~

c. providing oil to the selected natural bamboo fiber to obtain an oil-treated natural bamboo fiber; in which

the oil is a mixture of soap with emulsification oil, wherein the amount of emulsification oil is 1 to 1.8% by weight and the amount of soap is 0.5 to 0.9% by weight, both based on the weight of natural bamboo fiber; the oil is provided by immersing the fiber into oil after humidifying treatment at a temperature of 80~90°C for 3~4 hours in a bath ratio of 1:6~8; wherein the emulsification oil comprises 47~53% by weight of plant oil, 0.04~0.06% by weight of sodium hydroxide and 47~53% by weight of water;

and said plant oil has ~~a~~ an acid number of less than 8, a saponification number of 185~195 and an iodine value of 76~83;

d. drying the oil-treated natural bamboo fiber in a dryer after dehydrating it to obtain a dried natural bamboo fiber, ~~the~~ wherein moisture regained after drying is 5~9%;

e. ~~humidify~~ humidifying by spraying and ~~provide~~ providing oil ~~for~~ to the dried natural bamboo fiber to obtain a humidified natural bamboo fiber ~~after the drying step~~, wherein the oil comprises 9~10.6% by weight of kerosene, 0.3~0.5% by weight of sodium carbonate, 6~7.6% by weight of plant oil and 83~84% by weight of water; and

f. stacking the humidified natural bamboo fiber for 5~7 days ~~after humidifying~~, ~~the~~ wherein moisture ~~of the fiber~~ regained is 10~15%.

5. (Currently amended) The process according to claim 4, wherein said spinning step ~~of the natural bamboo fiber~~ is carried out by using ~~the technology of~~ a ramie spinning system in which the length of fiber is from 70 mm to 100 mm; and the step of producing yarns comprises preparing natural bamboo fiber bundles by selecting, arranging, spreading, slivering, pre-drawing and combing the natural bamboo fiber by means of a ramie spinning device after said fiber ~~being~~ is treated to improve spinnability, and then preparing yarns by drawing, roving and spinning.

6. (Currently amended) The process according to claim 4, wherein said spinning step ~~of the natural bamboo fiber~~ is carried out by using ~~the technology of~~ a cotton spinning

system in which the length of fiber is from 30 mm to 50 mm; and the step of producing yarns comprises filaments produced during the combing step or filaments produced as required by spinning are subjected to clear, scotch, roll, comb, draw, rove and spin ~~(or rotor spinning)~~ by means of a cotton spinning device.

7. (Currently amended) The process according to claim 4, wherein said spinning step ~~of the natural bamboo fiber~~ is carried out by using ~~the technology of~~ a silk spinning system in which the length of fiber is from 65 mm to 100 mm; and the step of producing yarns comprises preparing natural bamboo fiber bundles by spreading, slivering, pre-drawing and combing the natural bamboo fiber by means of silk spinning device after said fiber ~~being~~ is treated to improve spinnability, and then preparing yarns by blending with spun silk, roving and spinning.

8. (Currently amended) The process according to claim 4, wherein said spinning step ~~of the natural bamboo fiber~~ is carried out by using ~~the technology of~~ a wool spinning system in which the length of fiber is from 65 mm to 100 mm; and the step of producing yarns comprises preparing natural bamboo fiber bundles by slivering, pre-drawing and combing the natural bamboo fiber by means of a wool spinning device ~~such as comber~~ after said fiber ~~being~~ is treated to improve spinnability, and then preparing yarns by blending with wool sliver, roving, spinning, grooved drumming, combining and twining.

9. (Currently amended) The process according to claim 4, wherein said spinning step ~~of the natural bamboo fiber~~ is carried out by using ~~the technology of~~ a linen spinning system in which the length of fiber is from 50 mm to 100 mm; and the step of producing yarns comprises the natural bamboo fiber in a state of filament or the natural bamboo fibers in a state of processed fibers are subjected to sliver, draw, rove and spin by means of a linen spinning device ~~such as combined breaker and finisher card~~ after said fiber ~~being~~ is treated to improve spinnability.

10. (Currently amended) The process according to claim 4, wherein ~~the~~ moisture of the fiber regained in stacking step f is between 10% and 15%.

11. (Original) The process according to claim 4, wherein the draw ratio is controlled between 5 and 10 in the step of slivering, drawing and roving.

12. (Currently amended) The process according to claim 4, wherein the draw ratio is controlled between 10 and 30 in the spinning step.